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Abstract

The invention relates to a method for operating a drive train having a drive machine and an automated variable speed transmission. In selected situations, for example when there is a change in the gear speed of the variable speed transmission, it is advantageous to calculate the profile of the rotational speed of the drive machine in advance. For this purpose, pre-stored profile parameters, for example in the form of gradient values when changes in rotational speed are requested, are corrected. In order to permit a particularly accurate calculation in advance, the corrected gradient is determined as a function of a requested difference in rotational speed. Alternatively, in addition to a corrected gradient it is possible to calculate a corrected reaction time and to carry out the calculation in advance by means of these variables. The reaction time is obtained as a time difference between actuation of a significant change in a state variable, for example a rotational speed, of the drive train. If no pre-stored values are available, changes in rotational speed can be requested and the resulting gradients and/or reaction times can be stored.